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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	3	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	4	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	5	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	6	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	7	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	8	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	9	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	10	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	11	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	12	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	13	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	14	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	15	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	16	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	17	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	18	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	19	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	20	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	21	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	22	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	23	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	24	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	25	JUL 28	STN Viewer performance improved
NEWS	26	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	27	AUG 13	CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	28	AUG 15	CAOLD to be discontinued on December 31, 2008

NEWS 29 AUG 15 CAplus currency for Korean patents enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:12:49 ON 20 AUG 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 19 AUG 2008 HIGHEST RN 1042061-07-3  
DICTIONARY FILE UPDATES: 19 AUG 2008 HIGHEST RN 1042061-07-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

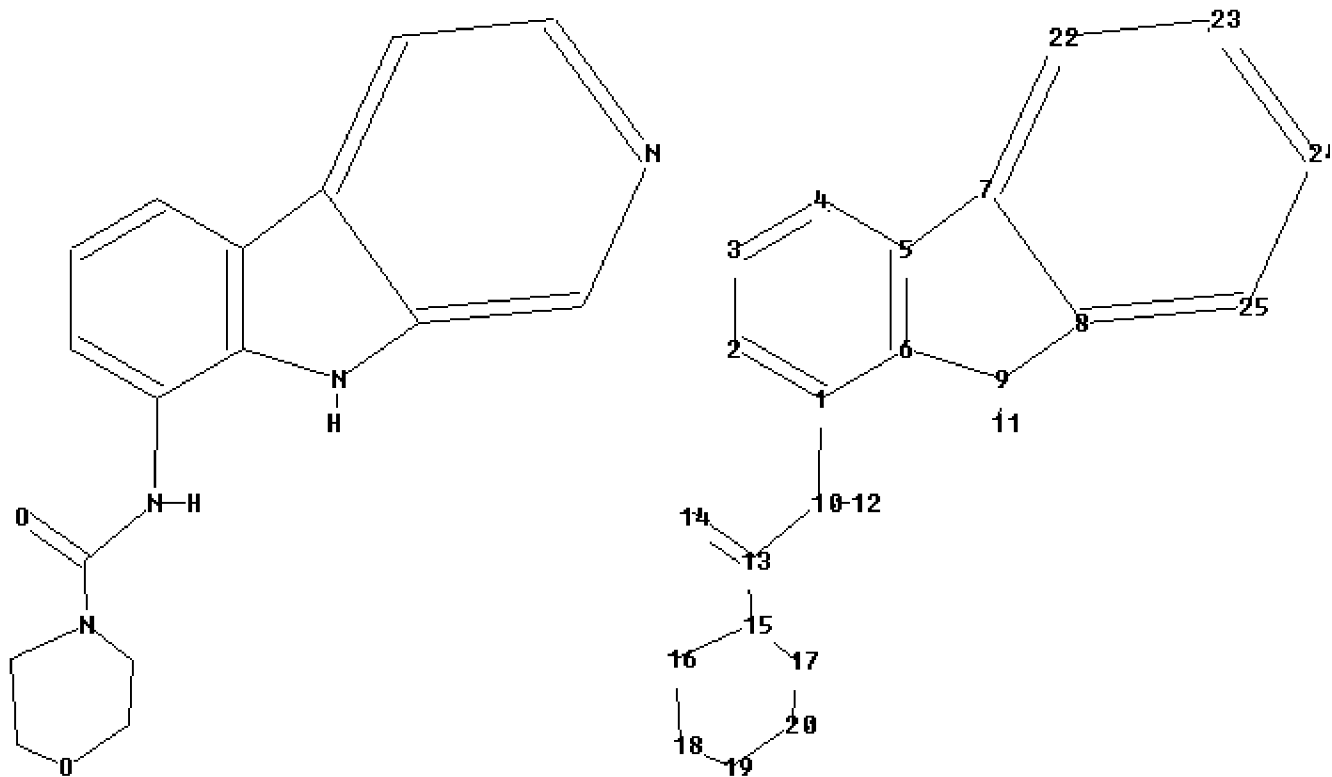
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\STNEXP\Queries\10821545.str



```

chain nodes :
10 11 12 13 14
ring nodes :
1 2 3 4 5 6 7 8 9 15 16 17 18 19 20 22 23 24 25
chain bonds :
1-10 9-11 10-12 10-13 13-14 13-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 7-22 8-9 8-25 15-16 15-17 16-18
17-20 18-19 19-20 22-23 23-24 24-25
exact/norm bonds :
1-10 6-9 8-9 10-13 13-14 13-15 15-16 15-17 16-18 17-20 18-19 19-20
exact bonds :
5-7 9-11 10-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-22 8-25 22-23 23-24 24-25
isolated ring systems :
containing 1 : 15 :

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 22:Atom
23:Atom 24:Atom 25:Atom

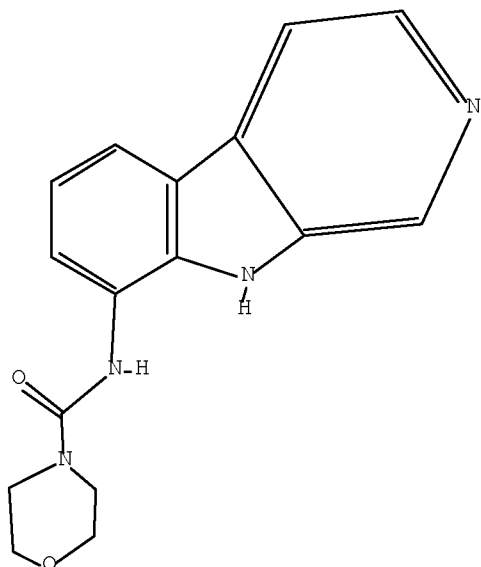
```

L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS

L1

STR



Structure attributes must be viewed using STN Express query preparation.

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.46

0.67

FILE 'CAPLUS' ENTERED AT 11:13:31 ON 20 AUG 2008

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FILE COVERS 1907 - 20 Aug 2008 VOL 149 ISS 8

FILE LAST UPDATED: 19 Aug 2008 (20080819/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s L1 SSS full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 11:13:34 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 107 TO ITERATE

100.0% PROCESSED 107 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

L3 1 L2

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:485903 CAPLUS Full-text

DOCUMENT NUMBER: 139:207080

TITLE: Novel IKK inhibitors:  $\beta$ -carboline

AUTHOR(S): Castro, Alfredo C.; Dang, Luan C.; Soucy, Francois;  
Grenier, Louis; Mazdiyasni, Hormoz; Hottelet, Maria;  
Parent, Lana; Pien, Christine; Palombella, Vito;  
Adams, Julian

CORPORATE SOURCE: Millennium Pharmaceuticals Inc., Cambridge, MA, 02139,  
USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (2003),  
13(14), 2419-2422

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 139:207080

AB Inhibitors of I $\kappa$ B kinase (IKK) have long been sought as specific regulators of NF- $\kappa$ B. A screening effort of the endogenous IKK complex allowed us to identify 5-bromo-6-methoxy- $\beta$ -carboline as a nonspecific IKK inhibitor. Optimization of this  $\beta$ -carboline natural product derivative resulted in a novel class of selective IKK inhibitors with IC<sub>50</sub>s in the nanomolar range. In addition, we show that one of these  $\beta$ -carboline analogs inhibits the phosphorylation of I $\kappa$ B $\alpha$  and subsequent activation of NF- $\kappa$ B in whole cells, as well as blocking TNF- $\alpha$  release in LPS-challenged mice.

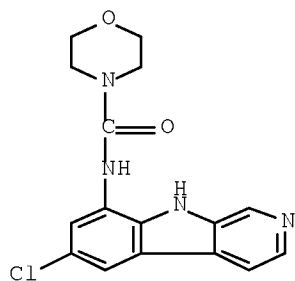
IT 590398-98-4

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)

(preparation and structure-activity relationship of  $\beta$ -carbolines as  
novel IKK inhibitors)

RN 590398-98-4 CAPLUS

CN 4-Morpholinecarboxamide, N-(6-chloro-9H-pyrido[3,4-b]indol-8-yl)- (CA  
INDEX NAME)



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log off  
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
LOGOFF? (Y)/N/HOLD:end

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
LOGOFF? (Y)/N/HOLD:y  
STN INTERNATIONAL LOGOFF AT 11:14:17 ON 20 AUG 2008